M. A. R. 57 (Rule 116)
Measurement Book

No. B
501151

erial No. 1st and Part Bill
ame of Work ..... From ..... To .....
ame of Contractor of nature of Agency M/s Venkatesh Hero Asphalts and Concrete Mix
ate of commencement of work D.O. Record dt: 08.02.2024 Prop. Umesh. N. Bangalore

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Name of work : Construction of Balavadigappa Gowdeya Bhavan and Construction of Ambedkar Bhavan in Amruthahalli in Ward No. 07						
	Estimated Cost Rs. 175.00 Lakhs						
	DOB-Code : 007-21-000007. Index no. 51957						
	Work order no : BBMP/EE/BTP/WO/66/2022-23 dated. 09.11.2022						

Modified Estimate Sanctioned

25th EIRL and Workslip dated checked date = 12.01.[illegible]

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			ABSTRACT				
(1)	Providing and laying M.25 design mix for colums	qty =	149.89 20.88 m^3	@	8236.78/m^3		171894/= 171952.00
(2)	Providing and laying M.25 Concrete for Roof slab and Beam	qty =	149.894 m^3	@	8985.57/m^3		1346850.00 8035/= 7998.00
(3)	Providing and laying M.25 concrete for R.C.C chajja	qty =	0.74 m^3	@	10857.56/m^3		
(4)	Providing and laying M.25 concrete for third floor colums	qty =	6.66 m^3	@	8317.53/m^3		5539/= 55376.00
(7)	Providing Steel bars of grade fe.500	qty =	32511.93 kgs	@	122.26/kg.		3974908.00
(8)	——"—— third floor	qty =	1297.80 kgs	@	123.46/kg		160234.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

501152

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	3366382
9)	Providing and Constructing wall of (second floor) bearing wall	qty =	242.81 y^2 e		1386.40 / y^2	Rs	3,36,638.00
10)	——"—— third floor	qty =	78.05 y^2 e		1400.00 / y^2	R.	109270/- 1,09,234.00
11)	Providing 12mm cement plaster	qty =	774.28 y^2 e		~~251.45~~ / y^2	Rs	1,94,692.00
12)	Providing 18mm cement plaster	qty =	389.20 y^2 e		379.48 / y^2	Rs	1,47,694.00
14)	——"—— (third floor)	qty =	32.25 y^2 e		383.20 / y^2	Rs	12,358.00
15)	Providing 20mm cement CM 1:4 plaster	upto 12½/-	304.90 y^2 e		351.09 / y^2	R.	1,07,962.00
	above.	12½/-	101.18 y^2 e		344.77 / y^2	R.	34,884.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(16)	Providing 20mm cement plaster mix 1:4 third floor	qty 2	242.91			357.57/- y^2	86858.00
(17)	Providing of fixing M.S. grills	qty 1	1173.55 kg			@ 197.23/kg	231458.00 42880/-
(18)	Providing and fixing of 3 tracks 2 panel sliding window	qty 2	51.55			y^2 @ 8350.73/y^2	430384.00 94425
(21)	Providing and fixing UPVC-ventilators	qty 2	1.69			y^2 @ 5617.14/y^2	9479.00
	above -12 5/- "		2.84			y^2 @ 5615.50/y^2	15948/- 15972.00
(23)	Providing Teakwood frames	qty 2	0.19			y^3 @ 271801.33/y^3	50962.00
	above - 125		0.02			y^3 @ 271722.01/y^3	5384 6005.00
(24)	Providing and fixing Teak wood shutters	qty 2	4.73			y^2 @ 10765.99/y^2	50869.00
	above 125	"	1.18			y^2 @ 10762.84/y^2	12722.00 12709/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501153

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
26)	~~French~~ Spirit polishing	qty 2	13.98		23.35	ft^2 Rs	332.00
27)	Providing and laying polished granite stone flooring	qty 2	606.54		3322.99	ft^2 Rs.	20,15,416.00
28)	Providing and fixing steel railing	qty 2	827.28		576.71	kg Rs	4,77,101.00
30)	Painting steel work	qty 2	55.88		122.26	ft^2 Rs.	6832.00
33)	Providing and applying White cement based putty	qty 2	1117.33		95.74	ft^2 Rs.	1,06,973.00
34)	finishing walls with Acrylic smooth	qty 2	304.90		156.86	ft^2 Rs	47,827.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1.	2	3	4	5	6	7	8
	above. 125 f.	2 qty	101.184 m²	e	156.82 kg/m²	R	15,867.00
35)	finishing with Acrylic sheen Exterior paint. (third floor)	qty:	242.91 158.40 m²	e	158.40 kg/m²		38,477.00
36)	Painting with Synthetic enamel paint	qty:	1117.334 m²	e	103.81 kg/m²		115,990.00
37)	——"—— third floor	qty:	32.25 m²	e	104.83 kg/m²		3381.00
38)	Providing and fixing steel work trusses	qty:	192.42 kg	e	128.12 kg		24,652.00
39)	Providing and fixing pre-coated galvanised iron sheets	qty:	22.50 m²	e	647.99 kg/m²		14,571.00
	above. 125 f.	"	8.02 m²	e	647.40 kg/m²		5192.00
40)	Concealed conduit system	qty:	819.00 mtr	e	62.71 kg/mtr		51,359.00

19/20 mm dia. 2 mm thick

M. A. R. 57 (Rule 116)
Measurement Book

No. B

501154

erial No. .....

ame of Work ..... From..... To.....

ame of Contractor of nature of Agency .....

ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
41)	Concealed Conduct system 25mm dia 2mm thick	qty :	528.00 mtr	@	71.96/mtr.		37,995.00
42)	supplying heavy gauge pvc. conduit pipe 19/20mm dia	qty :	192.00 mtr	@	77.10/mtr.		14,803.00
(43)	—"— 25mm dia	qty :	285.00 mtr	@	82.24/mtr.		23,438.00
(44)	supplying and fixing pvc/metal junction box	qty :	~~45~~ 124 Nos	@	~~5580.00~~ 45.00/Each.		5,580.00
(45)	Extra for Groove cutting	qty :	290.00 mtr	@	26.73/mtr.		7,752.00
46)	—"—	qty :	25.00 mtr	@	63.74/mtr		1,594.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
47	Supplying PVC / GI flexible conduit pipe	qty = 9.00 mt	@ 31.87/mt			R.	287.00
48	Supplying and fixing metal junction Box	qty = 26 nos	@ 160.00/Each			R	4160.00
49	Supplying and Wiring loop system upto 3 mt	qty = 16 points	@ 258.03/point			R.	4128.00
50	—"— 3 to 6.00 mt	qty = 21 points	@ 371.11/Each				7793.00
51	—"— 6.00 to 10.00 mt	qty = 102 points	@ 557.18/point				56,832.00
52	Supplying and adopting Wiring loop system 3 to 6.00 mt	qty = 38 points	@ 689.79/Each			R.	26212.00
53	—"— 6 to 10.00 mt	qty = 20 nos.	@ 1006.40/point			R	20128.00

M. A. R. 57 (Rule 116)

Measurement Book

No. B 501155

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	54) Wiring for lighting 139 sqm	qty 2	2900.00 mtr.	@ 18.50/sqm mtr.			53650.00
	55) —"— 1.50 sqmm	qty 1	4550.00 mtr.	@ 26.73/mtr			121622.00
	56) —"— 2.5 sqmm	qty 1	600.00 mtr.	@ 41.12/mtr.			24672.00
	57) —"— 4.00 Sqmm	qty 1	400.00 mtr.	@ 60.65/mtr.			24260.00
	58) —"— 6.00 sqmm	qty 1	80.00 mtr.	@ 80.00/mtr			4800.00
	59) —"— 10.00 sqmm	qty 2	90.00 mtr	@ 161.40/mtr			14526.00
	60) Supplying & fixing metal Box 1 no	qty	1.00 no.	@ 126.44/no.			126.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Referring to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
61	supplying and flush mounting Metal box. 4 Way	qty -	1.00 Nos -	e	141.86	Each Rs	142.00
62	" 6 Way	qty -	4.00 Nos -	e	217.94	/E Rs	872.00
(63)	" 8 Way	qty -	2.00 Nos	e	257.00	/E Rs	514.00
64	" 10 to 12 Way	qty -	2 Nos -	e	334.00	/E Rs	668.00
65	" 16 to 18 Way	qty -	14 Nos -	e	330.00	/E Rs	4620.00
66	" supplying and fixing Supervisor quality modular (Visible)	qty	1 No -	e	156.26	/E Rs.	156.00

1 to 3 modules

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501156

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
67)	—u— 4 module	qty -	1 No.	@ 179.90/Each.		R.	180.00
68)	—u— 6 module	qty -	4 Nos	@ 250.83/Each.		R	1003.00
69)	—u— 8 module	qty -	2 Nos.	@ 310.46/E		R	621.00
70)	—u— 12 module	qty -	2 Nos	@ 373.16/E.		R.	746.00
71)	—u— 16-18 modul.	qty -	14 Nos	@ 310.25/E		R	4344.00
72)	supplying and fixing modular Comps one way diverter	qty -	192 Nos.	@ 90.46/E		R	17368.00
73)	—u— two-way	qty	6 Nos	@ 156.26/E		R	938.00
74)	—u— 6 amps - 3 way - socket	qty	28 Nos	@ 166.54/E		R.	4663.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
75)	Supplying and fixing of modular switch - fan - Regulator	qty	30 nos	@ 300.00/ Each		Rs	9000.00
76)	—"— 16 amps energy switch	qty	2 nos	@ 255.97/ Each		Rs	512.00
77)	—"— 32 amps. DP switch	qty	2 nos	@ 385.50/ Each		Rs	771.00
78)	—"— 6/16 amps. universal socket	qty	5 nos	@ 255.97/		Rs	1280.00
79)	Supplying 50mm wooden plug	qty	950 nos	@ 8.22/		Rs	7809.00
80)	Supplying and fixing MCB 6 32 amps	qty	28 nos	@ 537.64/		Rs	15054.00
81)	—"— 5-32 amps	qty	2 nos	@ 1133.88/		Rs	2267.00
82)	—"— Double door 6 way TPN	qty.	2 nos	@ 3839.58/		Rs	7679.00
83)	Supplying, fixing and Fixing Residual current	qty	2 nos	@ 5180.09/		Rs	10360.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501157

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
84)	Supplying 100 amps 3phase bus-bar	qty -	6 nos.	@ 2275.99/each		Rs	13656.00
85)	supplying and fixing angle iron frame work - 50x50x6mm	qty -	6 mtr	@ 365.97/mtr		Rs	2196.00
86)	—"— 40x40x6mm	qty	6 mtr	@ 282.70/mtr		Rs	1696.00
87)	—"— 50x100x50x6 mm C-channel	qty	6 mtr	@ 699.04/each mtr		Rs	4,194.00
88)	fabricating MS Box	qty	125000	sq mm @	0.44/sq.mm	Rs.	55,000.00
	Extra Items						
89)	Foundry load bearing	qty	44.04	m² @	1083.89/m²		47730.00

MEASUREMENT BOOK

Date 1.	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
E-2.	Providing Teak wood frames of doors and Windows	qty-	0.08 m	e 2690.38	07	m	21535 / 21882.0
E-3)	Providing and fixing in position Teak wood panelled shutters	qty.	3.15 m²	e 1065.33		m²	33571 / 33592.0
E-4)	Providing and laying Ceramic floor tiles FF ff	qty.	4.734	e 870.03		m²	4114.0
E-5)	—"— Wall tiles	qty.	23.07 m²	e 1100.67		m²	25387.0
E-6)	—"— —"— (Second floor)	qty	13.47 m²	e 878.05		m²	11835 / 11838.0
E-7)	providing and fixing ceramic glazed tiles - second floor	qty.	68.72 m²	e 1111.57		m²	76377 / 76391.0

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501158

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E8)	Providing and laying polished granite stone flooring	qty.	85.34 m²	@ 3276.89/m²		279634.-	
E9)	Providing and laying Autoclaved Aerated cement block, first floor	qty.	35.98 m²	@ 5517.06/m²		198502.-	
E10)	——"—— Second floor	qty.	1.35 m³	@ 5571.68/m³		7507.-	
E11)	Providing and Constructing Load bearing wall. FF	qty.	77.97 m²	@ 1073.23/m²		83680.-	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E-12	Providg. 18 mm cement plaster	qty.	114.57 m²	@	367.65/m²		42122/= 42123.00
E-13	Providg and fixing louvred ventilators	qty.	0.95 m²	@	5560.44/m²		5282/= 5309.00
E-14	Providg and fixing MS grills	qty.	20.00 kg	@	163.27/kg		3265.00
E-15	painting to steel works	qty.	0.95 sq.m.	@	124.03/m²		116.00
E-16	Providg 15 mm cement plaster - first floor	qty.	23.07 m²	@	283.16/m²		6531.00
E-17	—"— second floor	qty.	68.72 m²	@	285.96/m²		19652.00

M. A. R. 57 (Rule 116)

Measurement Book

No. B

501159

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	E.16 Providing and applying White cement based putty	Qty	265.114 m²	@	94.77/m²		25124.00
	E.19 Painting with synthetic enamel paint.	Qty	265.114 m²	@	102.76/m²		27243.00
	E.20 Providing and laying Water proofing treatment	Qty.	564.37 m²	@	842.20/m²		477831/= 477,843.00
	E.21 Providing and fixing Wash basin	Qty	4 Nos	@	2858.96/		11436.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E.22)	Providing cool finish White, Wash basins.	qty	4 Nos. @ 1543.00			m2	6,172.00
E.23)	Providing and fixing Water closets (European type)	qty	5 Nos @ 5658.00			R	28290.00
E.24)	Providing and fixing Wall Corner type. urinal	qty-	2 nos @ 3997.34			R.	7995.00
E.25)	Providing and fixing CPVC Pipes - 50mm nominal dia	qty-	78.00 mtr @ 867.04			R	67631.00
E.26)	——— " ——— 25mm dia	qty	120.00 mtr @	357.23		mt	42867.00
E.27)	providing and fixing pvc rain water pipes	qty	102.00 mtr @	256.01		mt	29177.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501160

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E.28	Constructing brick masonry chambers	9Nos	4 Nos	@ 4368	.14/₹	Rs	17473.00
E.33	providing and laying in positions RCC for all sub structures of buildings	9Nos	4.02 m	@	713.6	m/m³ Rs	47115.00
E.32	—"—	9Nos	42.55 m³	@ 6846	.58	/m³	291322 / 291343.00
E.31)	Providing and fixing factory made prefabricated	9Nos	28.50 mtr	@	536.97	/mtr	15,304.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
F.32	Providing and fixing 30mm thick Rigid ~~foam~~ foam panelled shutter	qty	7.88	4.2 m @	324.44	$/m^2$	2585.-
F.33	Providing and Constructing wall bearing wall	qty	23.07	m^2 @	1235.41	$/m^2$	28499.-
					Sub-Total R		1309288
					Round off		1309900.-
							1309288
	Certificate						
	① Certified that the above agency has work done satisfactorily				Add GST	18%	235600.-
							235612
					Grand Total R		1,54,50,612.-
							15446200/-

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

1st & final

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501161

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	P 3283 Const. of New Building for Sailoring Training & Vocational Training Centre ಲೆಕ್ಕಶೀರ್ಷಿಕೆ ರಡಿ ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 15446200/- ಗಳನ್ನು ಹಾಸು ಮಾಡಿದೆ ಇದರಲ್ಲಿ ರೂ 723200/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ.14723000/- ಗಳನ್ನು FT/NEFT/ಮೂಲಕ ಪಾವತಿಸಲಾಗಿದೆ 20/9/24 ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬಿಲ್ಲಾಗಿ 20/9/24 ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬಿಲ್ಲು ತಯಾರಿಸಿದವರು ಸಿವಿಲ್ ಬೆಂಗಳೂರು ಸಿವಿಲ್ ಬೆಂಗಳೂರು			Total I+ CGST SGST CESS CBF CR Del. Net Payable	15446200.00 261800.00 130900.00 130900.00 130900.00 13090.00 5756.00 723200.00 14723000.00		